Comparisons of Job Characteristics

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	20.3	17.3	<	Expanded education and/or training may be required
Engineering and Technology	5.7	16.2	5.7	<<	Extensive education and/or training may be required
Psychology	6.4	15.7	10.2	<<	Extensive education and/or training may be required
Mechanical	6.8	15.6	7.0	<<	Extensive education and/or training may be required
Production and Processing	6.0	15.2	5.7	<<	Extensive education and/or training may be required
Design	5.2	14.0	3.0	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	13.6	22.6	>>	Current knowledge level is likely more than sufficient
Administration and Management	8.4	13.1	11.7	<	Expanded education and/or training may be required
Sales and Marketing	5.2	12.1	10.1	<	Expanded education and/or training may be required
Therapy and Counseling	3.8	10.9	10.6	0	Current knowledge level may be sufficient
Personnel and Human Resources	5.6	10.0	8.7	<	Expanded education and/or training may be required
Physics	4.3	10.0	7.5	<<	Extensive education and/or training may be required
Biology	3.7	8.0	15.8	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Active Listening	11.0	14.0	15.5	>	Skill level is likely sufficient
Speaking	10.8	13.7	14.6	0	Current skill level may be sufficient
Service Orientation	7.9	10.8	13.8	>>	Skill level is likely more than sufficient
Instructing	7.8	10.7	12.8	>	Skill level is likely sufficient
Operations Analysis	5.0	9.4	7.9	<	A higher skill level may be required
Technology Design	2.6	5.7	6.4	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Expression	12.4	15.0	15.9	0	Current ability level may be sufficient
Oral Comprehension	12.5	14.7	16.7	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	13.7	18.8	>>	Current ability level is likely more than sufficient
Inductive Reasoning	10.2	13.6	15.9	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	12.9	15.3	>	Current ability level is likely sufficient
Written Expression	9.8	12.6	13.9	>	Current ability level is likely sufficient
Visualization	7.5	11.2	9.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Work Activities	Exclusivity of Activity
Administer medications or treatments	46
Collect clinical data	56
Identify body response variations	57
Make presentations on health or medical issues	50
Observe patient condition	48
Use knowledge of medical terminology	40

Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Podiatrists (29-1081)
Associated Occupation: Orthotists and Prosthetists (29-2091)

Tools and Technologies	Exclusivity
Casting equipment and parts and accessories	47
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Medical exam size measuring devices	24
Medical gloves and accessories	19
Medical staff clothing and related articles	17
Network applications software	1
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.